

## Domestic Water User Notice June 19, 2015

The Oakdale Irrigation District (OID) has recently completed the twenty sixth annual Consumer Confidence Report of your drinking water. Federal and state laws require that purveyors of domestic water send these reports to all customers each year. This law applies to OID because it is a purveyor of domestic water to the OID Rural Water System Number 1 and is the trustee for the water systems for Improvement Districts Number 22, 41, 45, 46, 49, and 51.

Specific information about the standards and the test results of your water are provided in the enclosed report.

#### GENERAL INFORMATION

The source of domestic water supply can be from surface water or groundwater. Presently, your water is supplied from deep wells taking groundwater from the Modesto groundwater basin; it can be delivered to you untreated and meets both state and federal drinking water standards.

If in the future, the groundwater will require treatment to meet state and federal drinking water standards. If it becomes necessary to obtain water from surface sources, the State Department of Public Health will require that OID construct and operate a water treatment facility. The facility, in compliance with state and federal safe drinking water standards would be required to filter, treat, and disinfect the water prior to use.

#### NEW WATER QUALITY STANDARDS

The U.S. Safe Drinking Water Act of 1974, as amended, is intended to ensure the quality of our nation's drinking water. The Act is administered by the U.S. Environmental Protection Agency (USEPA), which sets minimum standards and monitoring requirements for water systems. The law is enforced in California by the Department of Public Health, which has the option of setting state standards more stringent than federal standards.

## WATER QUALITY CONTROL

Samples from the wells and the delivery system have been routinely collected by the OID'S Water Utilities Department and are tested in state certified laboratories. OID'S routine water testing program, routine system inspections and preventative maintenance practices assure safe drinking water for you, your family and your guests. The information included in this report is for the period of January 1, to December 31, 2014.

In California, there are two categories of drinking water standards:

- 1. Primary drinking water standards: These standards are designed to protect public health, and specify limits for constituents in water that may be harmful to humans if consumed in excess. These primary MCL'S, specific treatment techniques adopted in lieu of primary MCL'S, and monitoring and reporting requirements for MCL'S that are specified in regulation.
- 2. <u>Secondary drinking water standards</u>: Relate to aesthetic qualities such as taste, odor and color.

If you have any questions regarding your water quality or this report, please contact the Oakdale Irrigation District's Water Utilities Department at (209) 840-5510, or attend any regularly scheduled meeting of the Board of Directors. The Board meetings are normally held at 9:00 A.M. on the first and third Tuesday of each month.

Sincerely,

**OAKDALE IRRIGATION DISTRICT** 

## 2014 Consumer Confidence Report

Water System Name:

OID - ID#51 (Sunset Oaks #10 Tract)

Report Date:

03/25/15

We test the drinking water quality for many constituents as required by State and Federal Regulations. This report shows the results of our monitoring for the period of January 1 - December 31, 2014.

> Este informe contiene información muy importante sobre su agua potable. Tradúzcalo ó hable con alguien que lo entienda bien.

Type of water source(s) in use:	Groundwater wells			
Name & location of source(s):	Well #1 on Mountain Oak Dr. and Well #2 on Oak Knoll Dr.			
Drinking Water Assessment information:	Performed in June of 2002 - see last page			
For more information, contact:	Robert Nielsen	Phone #:	(209) 847-0341 Ext. 5510	

#### TERMS USED IN THIS REPORT:

Maximum Contaminant Level (MCL): The highest level of a Public Health Goal (PHG): The level of a contaminant in contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Primary Drinking Water Standards (PDWS): MCLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Secondary Drinking Water Standards (SDWS): MCLs for contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

ND: not detectable at testing limit NTU: nephelometric turbidity units drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (USEPA).

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

ppm: parts per million or milligrams per liter (mg/L)

ppb: parts per billion or micrograms per liter (ug/L)

ppt: parts per trillion or nanograms per liter (ng/L)

pCi/L: picocuries per liter (a measure of radiation)

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- •Microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the USEPA and the State Water Resources Control Board (State Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Board regulations also establish limits for contaminants in bottled water that must provide the same protection for public health.

Tables 1, 2, 3, 4, and 5 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old.

old.						
TABLE 1 - SA Microbiological Contaminants	MPLING RES Highest No. of Detections	No. of Months in Violation	WING THE D MCL		MCLG	LIFORM BACTERIA  Typical Source of Bacteria
Total Coliform Bacteria	(In a Mo.)	0	More than 1 sample in a month with a detection		0	Naturally present in the environment
Fecal Coliform or E. coli	(In the Year)	0	A routine sample and a repeat sample detect total coliform and either sample also detects fecal coliform or <i>E. coli</i>		0	Human and animal fecal waste
	TABLE 2 - SA	MPLING RI	ESULTS FOR	SODIUM	I AND HAI	RDNESS
Chemical or Constituent (and reporting units)	2000	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Sodium (ppm)	02/04/14	8	8 - 9	None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	02/04/14	210	154 -265	None	None	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring
TARLE 3.5	SAMPLING R	ESULTS SH	OWING THE	DETECT	TION OF L	EAD AND COPPER
Lead and Copper (and reporting units)	Sample Date	90 <sup>th</sup> Percentile Level Detect	Exceeding	g AL	PHG	EAD AND COPPER  Typical Source of Contaminant
Lead (ppb)	06/10/14	< 5	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits.
Copper (ppm)	06/10/14	0.05	0	1.3	0.3	Internal corrosion of household water plumbing systems; erosion of natural deposits.
					11	on is provided later in this report.

\*Any violation of an MCL or AL is asterisked. Additional information regarding the violation is provided later in this report.

TABLE 4 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD							
Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant	
Nitrate as NO3 (ppm)	02/04/14	7	7 - 8	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	
Hexavalent Chromium (ppb)	08/04/14	2	2 - 2	10	0.02	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, and textile manufacturing facilities; erosion of natural deposits	
TARLES DETECTION OF CONTAMINANTS WITH A SECONDARY DDINIZING WATER STD							
Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant	
Total Dissolved Solids (ppm)	02/04/14	179	158 - 200	1000	N/A	Runoff/leaching from natural deposits	
Specific Conductance (umho/cm)	02/04/14	225	220 - 229	1600	N/A	Substances that form ions when in water; seawater influence	
Chloride (ppm)	02/04/14	5	5 - 6	500	N/A	Runoff/leaching from natural deposits; seawater influence	
Sulfate (ppm)	02/04/14	4	4 - 4	500	N/A	Runoff/leaching from natural deposits' industrial wastes	

<sup>\*</sup>Any violation of an MCL or AL is asterisked. Additional information regarding the violation is provided below.

### Additional General Information On Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <a href="http://www.epa.gov/safewater/lead">http://www.epa.gov/safewater/lead</a>.

## **Vulnerability Assessment Summary**

A source water assessment was conducted for the OID - ID#51 (Sunset Oaks #10 Tract) water system in June of 2002. The source is considered most vulnerable to the following activities not associated with any detected contaminants: injection wells, dry wells, sumps, and septic systems - high density. Recent water quality analyses indicate that this source is in compliance with State Standards. However, the source is still considered vulnerable to activities located near the drinking water source. For more information regarding the assessment summary, contact: Robert Nielsen at (209) 847-0341 Ext. 5510.

## **ATTACHMENT 7**

# **Consumer Confidence Report Certification Form**

(to be submitted with a copy of the CCR)

Water	System	m Name: Oakda	le Irrigation District's Im	provement District No.	51 (Sunset Oak 10)				
Water System Number: 50003		m Number: 50003	317						
Jun Furth	er, the	2015 (date) to system certifies that	hereby certifies that its C customers (and appropriate information contained iously submitted to the De	ate notices of available in the report is correct	oility have been given).				
Certif	ied by:	Name:	Robert Nielsen						
		Signature:	BAD						
		Title:	Water Utilities Supe	rvisor					
		Phone Numbe	r: (209) 840-5510	Date:	6/19/15				
X	metho	ds used: Mailed to	each residence and or pro	perty owner.	hose efforts included the				
	X	Posting the CCR or	n the Internet at www. <u>oak</u>	daleirrigation.com					
		Mailing the CCR to	postal patrons within the	ostal patrons within the service area (attach zip codes used)					
	Advertising the		railability of the CCR in news media (attach copy of press release)						
Publication of the CCR in a local newspaper of general circulation published notice, including name of newspaper and date published)					on (attach a copy of the				
		Posted the CCR in	public places (attach a list	of locations)					
		Delivery of multiplas apartments, busi	le copies of CCR to single nesses, and schools	e-billed addresses serv	ring several persons, such				
		Delivery to commu	nity organizations (attach	a list of organizations	)				
	For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following address: www								
	For privately-owned utilities: Delivered the CCR to the California Public Utilities Commission								